



United States
Department of
Agriculture

Agricultural
Marketing
Service

Science &
Technology

Monitoring Programs Office
8609 Sudley Rd., Ste. 206
Manassas, VA 20110

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TO: See Distribution List

FROM: Martha Lamont
Director

SUBJECT: Semi-Annual Program Plan (January through June 2009) – Pesticide Data Program

This Program Plan serves as the current Statement of Work for the period January through June 2009 for each of the States participating in the Pesticide Data Program (PDP). This document also stipulates work assignments for the Federal facilities participating in PDP. The contents of the Plan have been discussed with the U.S. Environmental Protection Agency (EPA).

I. ADMINISTRATIVE UPDATES

- A. Summary Status:** The 2007 PDP Annual Summary is expected to be posted to the PDP website by the first week of December 2008. Printed copies will be available January/February 2009.
- B. Personnel:** The Monitoring Programs Office (MPO) welcomes Valerie Minick, Management Analyst, to our staff. Valerie's responsibilities include reimbursement requests and preparation of cooperative agreements for PDP and MDP. MPO has also issued vacancy announcements for chemist and microbiologist positions. State and Federal program participants are reminded to keep MPO informed of any critical personnel vacancies, staffing issues, expected increases in rent (due to laboratory or office renovation/relocation, etc.), sampling issues or technical problems as described in PDP-SOP-Admin 02, revision 8, effective date October 1, 2008 .
- C. Program Meetings:**
- PDP Federal/State Meeting:** A PDP Federal/State Meeting was held August 5-8, 2008 in Bozeman, Montana. Attendees included Administrative Managers, Sampling Managers and Technical Program Managers. Agenda topics included administrative and financial matters, sampling issues and program planning. Representatives from the EPA Health Effects Division (HED) and the U.S. Food and Drug Administration (FDA) were in attendance. A number of presentations and updates were given including those from: EPA/HED; FDA/CFSAN; and, program participants.
- D. Sampling Advisory Committee:** Members of the Sampling Advisory Committee (SAC) are: Danny Schulz (Florida), Brian Regan (Michigan), Tim Parker (New York) and Nathan Lubliner (Washington).
- E. Technical Advisory Group (TAG):** Gail Parker, Florida, is the PDP Technical Advisory Group (TAG) Presiding Member for 2008-2009. Michelle Bogner,

Michigan, and Joseph Barney, USDA Grain Inspection, Packers and Stockyards Administration (GIPSA) join Ms. Parker on the TAG.

- F. PDP Fiscal Year 2009 Proficiency Testing Program:** The PDP Fiscal Year (FY) 2009 Proficiency Testing (PT) program schedule is posted on the PDP Extranet site. Refer to Standard Operating Procedures (SOPs) PDP-ADMIN-06B and PDP-QC-04 for PT report review, acceptability criteria, and procedures and requirements for any necessary follow-up actions.

G. Standard Operating Procedures:

New and Revised SOPs Released October 1, 2008

- PDP-ADMIN-02: Personnel and Organization (combined with former SOP PDP-ADMIN-03)
- PDP-ADMIN-06B: Laboratory Quality Assurance Units (QAUs)
- PDP-LABOP-01: Sample Receipt, Storage, Archiving, and Disposal
- PDP-LABOP-03: Sample Preparation for Fresh Fruit and Vegetable, Grain, Fish, and Processed Commodities
- PDP-LABOP-12: Animal Tissue Analysis
- PDP-INST-04: Injection Sequence
- PDP-QC-13: Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings

SOPs Archived October 1, 2008

- PDP-ADMIN-03: Training/Personnel Records and Performance Evaluation of Technical Personnel
- DP-QC-13 addenda for apples, broccoli, corn grain, greens, honey, peaches, and summer squash

SOPs to be Released January 1, 2009

- PDP-DATA-03: Quantitation of Pesticide Residues
- PDP-DATA-07: Data Reduction and Reporting
- PDP-DATA-09: Qualitative Analysis
- PDP-QC-13: Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings
- PDP-QC-17: Method Performance and Quality Control (Combines requirements from SOPs PDP-QC-01, QC-04, QC-05, QC-07, and QC-10)

SOPs to be Archived January 1, 2008

- PDP-QC-01: Blanks and Spikes Required per Set
- PDP-QC-04: Quality Control Criteria
- PDP-QC-05: Approval Process for Method Modification
- PDP-QC-07: Demonstration of Method Performance
- PDP-QC-10: LOD and LOQ for Chromatographic Methods
- PDP-QC-13 addenda for blueberries, celery, green beans and nectarines
- PDP-QC-15: Mass Spectrometry Criteria

SOPs to be Released April 1, 2009

- PDP-ADMIN-01: Facilities
- PDP-LABOP-02: Chain of Custody Procedures
- PDP-LABOP-04: Method SOPs, Extraction, Clean-up, and Analysis
- PDP-LABOP-06: Glassware Calibration and Cleaning
- PDP-DATA-08: Data Storage, Retrieval and Archival

H. Electronic Transfer of Data

RDE Version Upgrades: MPO is currently programming a version upgrade to the Web-based RDE system and expects to have the new version (Build 12) implemented by the end of January 2009. With Build 12, MPO plans to make password management more secure, increase the size of some text fields, add the sample collection status to the sample management screen, and fix problems reported by laboratory users. With the next version upgrade to the RDE e-SIF system for laptops/palmtops, tentatively scheduled for February 2009, MPO plans to increase the size of the data entry screens, add a flag field to indicate if the SIF has already been exported for transmittal to MPO, and make the size of the text fields match the updated Web-RDE system. MPO maintains a Change Request Database to capture all problems identified and suggestions made regarding the RDE system.

- I. Cooperative Agreements:** The fiscal year 2009 Cooperative Agreements will be issued as soon as the FY 2009 budget is approved and no later than January 31, 2009. It is anticipated that funding for FY 2009 will be provided under Continuing Resolution and that the FY 2009 budget will be equal to the FY 2008. As a reminder, billing must be monthly and contain a breakdown of sampling vs. testing costs according to the categories listed on the budget tracking template provided by MPO. Please email an advance copy of the reimbursement request SF-270 and forward the signed original hardcopies to MPO. Reimbursement cannot be processed until a signed copy has been received.

II. PROGRAM SAMPLING AND TESTING UPDATES

- A. Sampling Changes and Rotations:** Draft 1st and 2nd Quarter 2009 Shipping Charts are attached to this document. Actual shipping dates and fact sheets will be sent under separate cover with final versions of the Shipping Charts.

Sampling Deletions

Blueberry collection ends *December 31, 2008*.

Celery collection ends *December 31, 2008*.

Grape juice collection ends *December 31, 2008*.

Green bean collection ends *December 31, 2008*.

Nectarine collection ends *December 31, 2008*.

Tomato collection ends *December 31, 2008*.

Catfish collection ends *March 31, 2009*.

Sampling Additions

Apples are being added *January 1, 2009*. Apples will remain in the program for two years. With the exception of samples from California and Maryland, samples will be sent to the New York (NY1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging and shipping guidelines.

Cucumbers are being added *January 1, 2009*. Cucumbers will remain in the program for two years. With the exception of samples from California and Maryland, samples will be sent to the New York (NY1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging and shipping guidelines.

Grapes are being added *January 1, 2009*. Grapes will remain in the program for two years. With the exception of samples from California and Maryland, samples will be sent to the Michigan (MI1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging and shipping guidelines.

Oranges are being added *January 1, 2009*. Oranges will remain in the program for two years. With the exception of samples from California and Maryland, samples will be sent to the Florida (FL1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging and shipping guidelines.

Pears are being added *January 1, 2009*. Pears will remain in the program for two years. All samples will be sent to the Ohio (OH1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging and shipping guidelines.

Tomato paste is being added *January 1, 2009*. Tomato paste is a processed commodity and will remain in the program one year. All samples will be sent to the Ohio (OH1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging and shipping guidelines.

Selected samples of organic bagged lettuce will be collected and shipped to the Colorado (CO1) laboratory for analysis beginning *January 1, 2009*. Refer to the current commodity fact sheet(s) for sample selection, packaging and shipping guidelines.

Eggs are being added *April 1, 2009*. Eggs will remain in the program for one year. All samples will be sent to the AMS National Science Laboratory (NSL, US2), Gastonia, North Carolina. Refer to the current commodity fact sheet for sample selection, packaging and shipping guidelines.

Sampling Continuations

Asparagus, canned beans, sweet corn, green onions, potatoes, rice, spinach, strawberries, and sweet potatoes will continue to be sampled.

Raw and treated drinking water and groundwater sampling will continue. Raw and treated drinking water samples will continue to be collected by participating water facility personnel, with a USDA contractor, GLEC, providing sampling support service. Groundwater samples will continue to be collected by private well owners.

Note: The **beef** collection and testing program is on hold. Samples were planned to be collected by USDA's Food Safety and Inspection Service (FSIS) and shipped to the AMS NSL (US2) for multi-residue analysis.

B. Testing Deletions and Changes:

Testing Deletions

Blueberry collection ends *December 31, 2008*. This ends multi-residue testing of blueberries by the California (CA1) and New York (NY1) laboratories.

Celery collection ends *December 31, 2008*. This ends multi-residue testing of celery by the California (CA1) and New York (NY1) laboratories.

Grape juice collection ends *December 31, 2008*. This ends multi-residue testing of grape juice by the California (CA1) and Michigan (MI1) laboratories.

Green bean collection ends *December 31, 2008*. This ends multi-residue testing of green beans by the California (CA1) and Florida (FL1) laboratories.

Nectarine collection ends *December 31, 2008*. This ends multi-residue testing of nectarines by the Ohio (OH1) laboratory.

Tomato collection ends *December 31, 2008*. This ends multi-residue testing of tomatoes by the Ohio (OH1) laboratory.

Nectarine analysis for formetanate hydrochloride by the EPA Analytical Chemistry Laboratory (ACL, US5), Fort Meade, Maryland ends *December 31, 2008*. The Ohio laboratory shipped homogenized subsamples to the laboratory for formetanate analysis.

Catfish collection ends March 31, 2009. This ends multi-residue testing of catfish by the AMS NSL (US2).

Testing Additions

Apples are being added *January 1, 2009*. Apples will remain in the program for two years. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the New York (NY1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in the memorandum posted on the PDP

Extranet site that specifies the list of potential compounds for multi-residue analysis of apples.

Cucumbers are being added *January 1, 2009*. Cucumbers will remain in the program for two years. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the New York (NY1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in the memorandum posted on the PDP Extranet site that specifies the list of potential compounds for multi-residue analysis of cucumbers.

Grapes are being added *January 1, 2009*. Grapes will remain in the program for two years. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Michigan (MI1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in the current SOP addendum PDP-QC-13 Grapes.

Oranges are being added *January 1, 2009*. Oranges will remain in the program for two years. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Florida (FL1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in the memorandum posted on the PDP Extranet site that specifies the list of potential compounds for multi-residue analysis of oranges.

Pears are being added *January 1, 2009*. Pears will remain in the program for two years. Multi-residue testing for all samples will be performed by the Ohio (OH1) laboratory. Commodity specific requirements are listed in the memorandum posted on the PDP Extranet site that specifies the list of potential compounds for multi-residue analysis of pears.

Tomato paste is being added *January 1, 2009*. Tomato paste is a processed commodity and will remain in the program for one year. Multi-residue testing for all samples will be performed by the Ohio (OH1) laboratory. Commodity specific requirements are listed in the current SOP addendum PDP-QC-13 Tomatoes.

Bagged organic lettuce will be tested for multi-residue analytes of interest and compounds allowed in organic production by the Colorado (CO1) laboratory beginning *January 1, 2009*.

Apple, orange and pear analysis for formetanate hydrochloride will be performed by the EPA ACL (US5). Laboratories in California, Florida, New York and Ohio will ship homogenized subsamples to the laboratory for formetanate analysis.

Eggs are being added *April 1, 2009*. Eggs will remain in the program for one year. Multi-residue testing for all samples will be performed by the AMS NSL (US2). Commodity specific requirements are listed in the memorandum posted on the PDP Extranet site that specifies the list of potential compounds for multi-residue analysis of eggs.

Testing Continuations

Multi-residue testing for **asparagus, canned beans, sweet corn, green onions, potatoes, rice, spinach, strawberries, and sweet potatoes** continues.

Raw and treated drinking water and groundwater testing will continue. Analysis of raw and treated drinking water will continue to be performed by the Montana (MT1) and New York (NY1) laboratories. Groundwater samples will continue to be analyzed by the Minnesota (MN1) laboratory.

Note: The **beef** collection and testing program is on hold. Samples were planned to be collected by USDA's Food Safety and Inspection Service (FSIS) and shipped to the AMS NSL (US2) for multi-residue analysis.

C. Web Site for PDP Information:

For Pesticide Data Program information check out our Internet Web Site:

<http://www.ams.usda.gov/pdp>

Attachments